INDEX OF SUBJECTS FOR VOLUME 28

Abscess formation
  intra-abdominal, and *B. fragilis*, 9
  S. aureus, in mouse model, 259
Adherence
  coaggregation of oral bacteria, 1
  E. coli, to HEp-2 cells, 49
  staphylococci, to catheter materials, 249
Aeromonas sobria
  assay in ileal effluents, 287
  toxin production, 287
Agglutination assays
  coagglutination test for *V. cholerae*, 39
  for congenital toxoplasmosis, 125
  latex, test for *R. conorii*, 69
Aggregation
  by *B. fragilis* strains, 9
  coaggregation of *Bacteroides* spp. with oral bacteria, 1
Alginate, of *P. aeruginosa*, 183
Ampicillin resistance
  assay of urinary tract infections, 113
  plasmid-mediated, in enterobacteria, 73
Antibiotic resistance
  ampicillin, and enterobacteria, 73
  ampicillin, in urinary tract infections, 113
  gentamicin, and *S. aureus*, 15
  methicillin, and *S. aureus*, 15, 25, 163
  multiresistance in *S. dublin*, 205
  trimethoprim, and enterobacteria, 73
Antibiotics and other antimicrobial substances
  in pneumococcal infections, 237
  sensitivity of *S. aureus*, 259
  susceptibility of *H. parainfluenzae*, 119
Antibodies
  against *C. albicans*, 93
  against *R. conorii*, 69
  against *S. pneumoniae*, 237
  against *S. zooepidemicus*, 137
  against *T. beigelii*, 223
  against *T. gondii*, 125
  V. cholerae, in coagglutination test, 39
  see also Monoclonal antibodies
Antigens
  aspects of pneumococcal infections, 237
  cell-wall proteins of *C. albicans*, 93
  Fc receptors of *S. zooepidemicus*, 137
  mycobacterial, lipoarabinomannan, 157
  outer-membrane proteins of *B. bivius*, 267
  outer-membrane proteins of *B. disiens*, 267
  S. aureus, polyvalent capsular type, 129
Antisera
  against *B. bivius*, 267
  against *B. disiens*, 267
  against cholera toxins, 33
  against *S. aureus*, 129
  against *S. zooepidemicus*, 137
API-20STREP system, 275
ATP bioluminescence, 275

Bacteriophage *see* Phage
Bacteroides
  aggregate formation, 9
  B. bivius, outer-membrane protein antigens, 267
  B. disiens, outer-membrane protein antigens, 267
  B. fragilis, aggregate formation, 9
  B. gingivalis, coaggregation with oral bacteria, 1
  B. gingivalis, cytotoxic activity, 5
  coaggregation with oral bacteria, 1
BOOKS RECEIVED
  A laboratory manual for legionella (edited by T. G. Harrison and A. G. Taylor), 156
  Anaerobes today (edited by J. M. Hardie and S. P. Borriello), 156

Campylobacter jejuni, storage and preservation in faecal specimens, 151
Candida
  C. albicans, antigens and iron depletion, 93
  C. albicans, killing by macrophages, 173
  C. albicans, morphotyping scheme, 85
  C. albicans, virulence factors, 85
  C. parapsilosis, killing by macrophages, 173
Capsules
  S. aureus, 129
  S. pneumoniae, 238
Catheters, intravascular
  adherence of staphylococci, 249
  assay of materials and bacterial adherence, 249
Cell cultures
  cytotoxicity of *B. gingivalis*, 5
  infection of HEp-2 cells by *E. coli*, 49
  invasiveness of *Salmonella* spp., 59
Chemiluminescence assay, 101, 173
Cholera
  diagnosis by coagglutination test, 39
  enterotoxin assays, 33
Chromatography
  affinity, 199
  gas-liquid, 183
  ion-exchange, 183
Clostridium difficile, spore recovery, 217
Coagglutination test, *V. cholerae*, 39
Coaggregation of oral bacteria, 1
Complement, in pneumococcal infections, 243
Co-trimoxazole
  role in plasmid-mediated resistance, 76
Culture
  faecal samples, and *V. cholerae*, 39
Cystic fibrosis
  mucoid isolated of *P. aeruginosa*, 183
Cytochalasin B, 49, 59

Cytotoxins
cytopathic effects of *B. gingivalis*, 5
methylglyoxal formation by enterobacteria, 211

Diarrhoea
enteropathogens in ileal effluents, 287
enterotoxigenic *E. coli*, 43
Dihydrofolate reductases, 76
DNA
hybridisation, 15, 113
restriction analysis, 15, 143
Dot binding assay, 199

Elastase assay
in *P. aeruginosa* cultures, 109
Electronmicroscopy
adherence of staphylococci to catheters, 249
E. coli, in HEp-2 cells, 49
immuno-gold, 191
influenza virus and polymorphonuclear leucocytes, 191
S. aureus, pseudodiffuse strain, 129
scanning, 49, 191, 249
transmission, 49, 191
ELISA
antigen-capture assay for *M. leprae*, 157
T. gondii-specific IgM, 125
Endocytosis
E. coli, and HEp-2 cells, 49
Enterobacteria
methylglyoxal formation, 211
plasmid-mediated resistance, 73
Enteropathogens
assays in ileal effluents, 287
preservation and storage in faecal specimens, 151
Enterotoxins
enterotoxigenic *E. coli*, 43
S. aureus, 163
V. cholerae, 33
Epidemiology
enterotoxigenic *E. coli*, 43
Escherichia coli
assay in ileal effluents, 287
cloning and expression of leptospiral antigens, 143
endocytosis in HEp-2 cells, 49
enteropathogenic, 49
enterotoxigenic, 43, 287
epidemiology, 43
phage sensitivity, 43
plasmid-mediated β-lactamases, 74
Ethidium bromide resistance, 15

Faeces
epidemiology of *E. coli*, 43
methylglyoxal formation by enterobacteria, 211
preservation and storage of specimens, 151
screening for *V. cholerae*, 39
Fusobacteria
characterisation by pyrolysis mass spectrometry, 227

Genitourinary infection
H. parainfluenzae in men, 119
Gentamicin resistance, in *S. aureus*, 15
Gonococci *see N. gonorrhoeae*

Haemophilus parainfluenzae
antibiotic susceptibility, 119
genital and respiratory carriage, 119
Hybridisation of DNA
assay of infected urine, 113
genetic analysis of *S. aureus*, 15
Hydrophobicity, staphylococcal, 249

Ileal loops
V. cholerae, enterotoxin assays, 33
Ileostomy effluents
enteropathogen assays, 287
Immunisation
against *S. pneumoniae*, 241
horses against *S. zooepidemicus*, 137
mice against *S. aureus*, 129
rabbits against leptospiral antigens, 143
Immunoblotting
cell surface antigens of *B. bivius*, 267
cell surface antigens of *B. disiens*, 267
exported proteins of *S. aureus*, 25
Immunodiffusion
enterotoxin assay, *V. cholerae*, 33
Immunofluorescence microscopy
antibodies against *T. beigelii*, 223
IgM antibodies against *R. conorii*, 69
Immunoglobulins
against *C. albicans* cell wall antigens, 93
against *T. beigelii*, 223
IgG Fc receptors of *S. zooepidemicus*, 137
IgM, anti-*R. conorii*, 69
T. gondii-specific IgM, 125
Immunosorbent agglutination assay (ISAGA)
for congenital toxoplasmosis, 125
Influenza virus
electronmicroscopy studies, 191
interaction with polymorphonuclear leucocytes, 191
Interferon, and macrophage activation, 173
Iron acquisition
C. albicans, and cell wall antigens, 93
virulence factor for *N. gonorrhoeae*, 199
Isoelectric focusing procedures, 113

β-Lactamases
in hybridisation asssay of infected urine, 113
plasmid-mediated, and enterobacteria, 74
Lactoferrin receptors, *N. gonorrhoeae*, 199
Latex agglutination test, *R. conorii*, 69
Leptospira interrogans
cloning and expression of antigens in *E. coli*, 143
Lipopolysaccharides (LPS)
B. bivius, immunochemistry, 267
B. disiens, immunochemistry, 267
Lymphokines, and macrophage activation, 173

Macrophage activation
against *P. aeruginosa*, 101
candidacidal mechanisms, 173
role of oxygen radicals, 173
in pneumococcal infections, 240
Media
preservation and storage of faecal specimens, 151
recovery of *C. difficile* spores, 217
Mediterranean Spotted Fever, 69
Methicillin resistance
in *S. aureus*, 15, 25, 163
Methylglyoxal
formation by enterobacteria, 211
Microcarrier beads, and *S. aureus*, 259
Micro-immunofluorescence
R. conorii, 69
Monoclonal antibodies
against mycobacterial lipoarabinomannan, 157
Morphotyping scheme for *C. albicans*, 85
Mouse model
macrophage activation and *P. aeruginosa*, 101
S. aureus, abscess formation, 259
Multiresistance to antimicrobial agents
S. dublin, 205
Mycobacterium leprae
antigen-capture assay, 157
monoclonal antibodies against lipoarabinomannan, 157

Neisseria gonorrhoeae
lactoferrin and transferrin assay, 199
virulence factors, 199
Neuraminidase activity, 191, 240

Oral bacteria
coaggregation of *Bacteroides* spp., 1
cytotoxicity of *B. gingivalis*, 5
Outer-membrane proteins
B. bivius, 267
B. disiens, 267
Oxygen radicals, macrophage activation, 173

Penicillin resistance
plasmid-mediated, in enterobacteria, 73
Periodontal disease
coaggregation of *Bacteroides* spp., 1
Phage-typing
epidemiology of *E. coli*, 43
S. aureus, 15
Phagocytosis
Candida spp. by macrophages, 173
influenza virus by polymorphonuclear leucocytes, 191
S. aureus by polymorphonuclear leucocytes, 259
Phase contrast microscopy
invasiveness of *Salmonella* spp., 59
Plasmids
ampicillin resistance in enterobacteria, 73
cloning of leptospiral antigens, 143
gentamicin resistance in *S. aureus*, 15
β-lactamases, and *P. aeruginosa*, 74
methicillin resistance in *S. aureus*, 15
multiresistance in *S. dublin*, 205
profiles, of *E. coli*, 43
restriction analysis, *S. aureus*, 15
trimethoprim resistance in enterobacteria, 73
Pneumococcus *see S. pneumoniae*
Pneumolysin, 240
Pneumonia, *S. pneumoniae*, 237
Polymorphonuclear leucocytes (PMNLs)
phagocytosis and ingestion of influenza virus, 191
in *S. aureus* abscess model, 259
Polysaccharides
S. aureus, cell-surface, 129
S. pneumoniae, capsular, 238
Pregnancy
diagnosis of congenital toxoplasmosis, 125
Protease assay, *P. aeruginosa* cultures, 109
Protein A
in coagglutination of *V. cholerae*, 39
Protein analysis
characterisation of *S. aureus*, 25
Proton nuclear magnetic resonance spectroscopy, 183
Pseudomonas aeruginosa
antibody-independent protection of mice, 101
characterisation of alginate, 183
macrophage activation by vaccine, 101
mucoid strains, 183
plasmid-mediated ampicillin resistance, 74
protease and elastase production, 109
Pyrolysis mass spectrometry
characterisation of fusobacteria, 227

Restriction analysis
cloning of leptospiral antigens, 143
resistance plasmids of *S. aureus*, 15

Salmonella
invasiveness in cell cultures, 59
S. dublin, multiresistance plasmid, 205
SDS-PAGE
antigens of *S. zooepidemicus*, 137
cell surface antigens of *B. bivius*, 267
cell surface antigens of *B. disiens*, 267
cell wall antigens of *C. albicans*, 93
whole cell proteins of *S. aureus*, 25
Septicaemia, *S. aureus* enterotoxins in, 163
Serology
diagnosis of cholera, 39
diagnosis of congenital toxoplasmosis, 125
diagnosis of Mediterranean Spotted Fever, 69
Slime production, staphylococcal, 249
Spores
C. difficile, recovery methods, 217
Staphylococci
adherence to catheters, 249
hydrophobicity, 249
plasmid-mediated trimethoprim resistance, 80
S. aureus, abscess model, 259
S. aureus, antibiotic sensitivity, 259
S. aureus, capsular type antigen, 129
S. aureus, characterisation, 15, 25

S. aureus, enterotoxin production, 163
S. aureus, methicillin resistance, 15, 25, 163
S. aureus, protein A, 39
S. aureus, pseudodiffuse growth, 129
S. aureus, resistance plasmids, 15
Streptococci
S. pneumoniae, host response, 240
S. pneumoniae, vaccination, 241
S. pneumoniae, virulence, 237
S. zooepidemicus, IgG Fc receptors, 137
viridans, and API-20STREP system, 275

Taurocholate method, 217
Thioglycollate-lysozyme method, 217
Tissue culture *see* Cell culture
Toxins
A. sobria, 275
E. coli, 43, 275
enteropathogens, 275
S. pneumoniae, 240
V. cholerae, 33, 275
see also Cytotoxins; Enterotoxins
Toxoplasma gondii
diagnosis of congenital toxoplasmosis, 125
immunosorbent agglutination assay, 125
Transferrin receptors, *N. gonorrhoeae*, 199
Transposon Tn7, role in resistance, 78
Trichosporon beigelii
antibodies, 223
isolation from vaginal washings, 223
Trimethoprim resistance
plasmid-mediated, in enterobacteria, 73

Ultraviolet light
inactivation of *E. coli*, 49
Urinary tract pathogens
hybridisation assay, 113
plasmid-mediated trimethoprim resistance, 73

Vaccination
against *S. pneumoniae*, 241
mice against *P. aeruginosa*, 101
Vibrio cholerae
ampicillin resistance, 76
assay in ileal effluent, 275
coagglutination test, 39
enterotoxin assays, 33, 275
resistance plasmids, 76
trimethoprim resistance, 78
Virulence factors
B. fragilis, 9
B. gingivalis, 5
C. albicans, 85
N. gonorrhoeae, 199
P. aeruginosa, 109
S. aureus, 163
S. pneumoniae, 237

Western blotting
C. albicans, 93
leptospiral antigens, 143
S. zooepidemicus, 137

INDEX OF AUTHORS FOR VOLUME 28

ADLER B, *see* DOHERTY *et al.*, 143
AHMET Z, *see* HOUANG *et al.*, 119
ALA ALDEEN D A A, BARER M R. Bacterial growth and toxin production in ileostomy effluents, 287
ALVAREZ M, *see* QUINDOS *et al.*, 223
AMYES S G B. The success of plasmid-encoded resistance genes in clinical bacteria, 73
ANDA P, *see* LA FUENTE *et al.*, 69
ANDRADE J R C, VEIGA V F DA, SANTA ROSA M R DE, SUASSUNA I. An endocytic process in HEp-2 cells induced by enteropathogenic *Escherichia coli*, 49
ARBUTHNOTT J P, *see* CARROLL *et al.*, 15
ARIES R E, *see* Magee *et al.*, 227

BALASUBRAMANIAN K A, *see* BASKARAN *et al.*, 211
BARER M R, *see* ALA ALDEEN AND BARER, 287
BARROW P A, LOVELL M A. Invasion of Vero cells by *Salmonella* species, 59
BASKARAN S, RAJAN D PRASANNA, BALASUBRAMANIAN K A. Formation of methylglyoxal by bacteria isolated from human faeces, 211
BEGUM Y A, *see* MONSUR *et al.*, 43
BENNETT K W, *see* MAGEE *et al.*, 227
BILLINGTON S J, *see* DOHERTY *et al.*, 143
BLAKE M, ROTSTEIN O D, LLANO M, GIROTTI M J, REID G. Aggregation by fragilis and non-fragilis *Bacteroides* strains *in vitro*, 9
BRENNAN P J, *see* KHANOLKAR *et al.*, 157
BROWN M R W, *see* PAUL *et al.*, 93
BROWN R, HORNETT KAREN E, POXTON I R. Immunochemistry of the cell surfaces of *Bacteroides bivius* and *Bacteroides disiens*, 267
BRUMMER E, STEVENS D A. Candidacidal mechanisms of peritoneal macrophages activated with lymphokines or γ-interferon, 173
BRYAN L E, *see* LEE AND BRYAN, 199
BUCHANAN T M, *see* KHANOLKAR *et al.*, 157

CARROLL J D, POMEROY HARRIETT M, RUSSELL R J, ARBUTHNOTT J P, KEANE C T, MCCORMICK ORLA M, COLEMAN D C. A new methicillin- and gentamicin-resistant *Staphylococcus aureus* in Dublin: molecular genetic analysis, 15
CARTER G I, TOWNER K J, PEARSON N J, SLACK R C B. Use of a non-radioactive hybridisation assay for direct detection of gram-negative bacteria carrying TEM β-lactamase genes in infected urine, 113
CASAL J, *see* LA FUENTE *et al.*, 69
CHARLTON J R H, *see* FRENCH *et al.*, 275
CHATTERTON JEAN M W, *see* SKINNER *et al.*, 125
CHOMARAT M, ICHIMAN Y, YOSHIDA K. Protection of mice by a pseudodiffuse strain of *Staphylococcus aureus* possessing polyvalent capsular type antigen, 129
CISTERNA R, *see* QUINTOS *et al.*, 223
CLEMENS J D, *see* MONSUR *et al.*, 43
COLEMAN D C, *see* CARROLL *et al.*, 15
COLEMAN D C, *see* HUMPHREYS *et al.*, 163

DAN M, RICHARDSON J, MILIOTIS M D, KOORNHOF H J. Comparison of preservation media and freezing conditions for storage of specimens of faeces, 151
DOHERTY J P, ADLER B, ROOD J I, BILLINGTON S J, FAINE S. Expression of two conserved leptospiral antigens in *Escherichia coli*, 143
DUERDEN B I, *see* MAGEE *et al.*, 227

EKE P I, LAUGHON B E, ROTIMI V O. Cytotoxic activity of crude extracts of *Bacteroides gingivalis*, 5
EKE P I, ROTIMI V O, LAUGHON B E. Coaggregation of black-pigmented *Bacteroides* species with other oral bacteria, 1

FAINE S, *see* DOHERTY *et al.*, 143
FORD C W, HAMEL J C, STAPERT D, YANCEY R J. Establishment of an experimental model of a *Staphylococcus aureus* abscess in mice by use of dextran and gelatin microcarriers, 259
FRASER CHERRY A M, *see* HUNTER *et al.*, 85
FRENCH G L, TALSANIA H, CHARLTON J R H, PHILLIPS I. A physiological classification of viridans streptococci by use of the API-20STREP system, 275
FUJIMURA T, SUZUKI T, MITSUYAMA M, SAITO H, NOMOTO K. Antibody-independent protection against *Pseudomonas aeruginosa* infection in mice after treatment with a homologous strain vaccine, 101

GACESA P, *see* MCAVOY *et al.*, 183
GILLESPIE S H. Aspects of pneumococcal infection including bacterial virulence, host response and vaccination, 237
GIROTTI M J, *see* BLAKE *et al.*, 9

HAMEL J C, *see* FORD *et al.*, 259
HECHEMY K E, *see* LA FUENTE *et al.*, 69
HINDMARCH J M, *see* MAGEE *et al.*, 227
HONE ROSEMARY, *see* HUMPHREYS *et al.*, 163
HORNETT KAREN E, *see* BROWN *et al.*, 267
HOUANG E, PHILIPPOU M, AHMET Z. Comparison of genital and respiratory carriage of *Haemophilus influenzae* in men, 119
HO-YEN D O, *see* SKINNER *et al.*, 125
HUMPHREYS H, KEANE C T, HONE ROSEMARY, POMEROY HARRIETT, RUSSELL R J, ARBUTHNOTT J P, COLEMAN D C. Enterotoxin production by *Staphylococcus aureus* isolates from cases of septicaemia and from healthy carriers, 163
HUNTER P R, FRASER CHERRY A M, MACKENZIE D W R. Morphotype markers of virulence in human and candidal infections, 85

ICHIMAN Y, *see* CHOMARAT *et al.*, 129

Joss A W L, *see* Skinner *et al.*, 125

Kamiya S, Yamakawa K, Ogura H, Nakamura S. Recovery of spores of *Clostridium difficile* altered by heat or alkali, 217
Keane C T, *see* Carroll *et al.*, 15
Keane C T, *see* Humphreys *et al.*, 163
Khanolkar Saroj R, Young D B, Brennan P J, Buchanan T M, McAdam K P W J. Use of an antigen-capture assay for characterisation of monoclonal antibodies to mycobacterial lipoarabinomannan, 157
Koornhof H J, *see* Dan *et al.*, 151
Kristinsson K G. Adherence of staphylococci to intravascular catheters, 249

La Fuente L De, Anda P, Rodriguez I, Hechemy K E, Raoult D, Casal J. Evaluation of a latex agglutination test for *Rickettsia conorii* antibodies in seropositive patients, 69
Latif A, *see* Rahman *et al.*, 39
Laughon B E, *see* Eke *et al.*, 1, 5
Lee B C, Bryan L E. Identification and comparative analysis of the lactoferrin and transferrin receptors among clinical isolates of gonococci, 199
Llano M, *see* Blake *et al.*, 9
Lovell M A, *see* Barrow and Lovell, 59

McAdam K P W J, *see* Khanolkar *et al.*, 157
McAvoy M J, Newton Valerie, Paull A, Morgan J, Gacesa P, Russell N J. Isolation of mucoid strains of *Pseudomonas aeruginosa* from non-cystic-fibrosis patients and characterisation of the structure of their secreted alginate, 183
McCormick Orla M, *see* Carroll *et al.*, 15
McLaren I, *see* Woodward *et al.*, 205
MacKenzie D W R, *see* Hunter *et al.*, 85
Magee J T, Hindmarch J M, Bennett K W, Duerden B I, Aries R E. A pyrolysis mass spectrometry study of fusobacteria, 227
Miah A L, *see* Monsur *et al*, 43
Miliotis M D, *see* Dan *et al.*, 151
Mitsuyama M, *see* Fujimura *et al.*, 101
Mizuno S, *see* Yamamoto *et al.*, 191
Moir Isobel L, *see* Skinner *et al.*, 125
Monsur K A, Clemens J D, Sack D A, Miah A L, Begum Y A. The use of phage-sensitivity patterns for tracing heat labile toxin-positive (LT^+) *Escherichia coli*, 43
Morgan J, *see* McAvoy *et al.*, 183

Nakamura S, *see* Kamiya *et al.*, 217
Newton Valerie, *see* McAvoy *et al.*, 183
Nomoto K, *see* Fujimura *et al.*, 101

Ogura H, *see* Kamiya *et al.*, 217

Paul T R, Smith S N, Brown M R W. Effect of iron depletion on cell-wall antigens of *Candida albicans*, 93
Paull A, *see* McAvoy *et al.*, 183
Pearson N J, *see* Carter *et al.*, 113
Pennington T H, *see* Thomson-Carter and Pennington, 25
Philippou M, *see* Houang *et al.*, 119
Phillips I, *see* French *et al.*, 275
Pomeroy Harriett M, *see* Carroll *et al.*, 15
Pomeroy Harriett, *see* Humphreys *et al.*, 163
Ponton J, *see* Quindos *et al.*, 223
Poxton I R, *see* Brown *et al.*, 267

Quindos G, Schneider J, Alvarez M, Ponton J, Cisterna R. Antibodies against *Trichosporon beigelii* in vaginal washings from asymptomatic women, 223

Rahman M, Sack D A, Wadood A, Yasmin M, Latif A. Rapid identification of *Vibrio cholerae* serotype O1 from primary isolation plates by a coagglutination test, 39
Rajan D Prasanna, *see* Baskaran *et al.*, 211
Raoult D, *see* La Fuente *et al.*, 69
Reid G, *see* Blake *et al.*, 9
Richardson J, *see* Dan *et al.*, 151
Rodriguez I, *see* La Fuente *et al.*, 69
Rood J I, *see* Doherty *et al.*, 143
Rotimi V O, *see* Eke *et al.*, 1, 5
Rotstein O D, *see* Blake *et al.*, 9
Russell N J, *see* McAvoy *et al.*, 183
Russell R J, *see* Carroll *et al.*, 15
Russell R J, *see* Humphreys *et al.*, 163

Sack D A, *see* Monsur *et al.*, 43
Sack D A, *see* Rahman *et al.*, 39
Saha Setarunnahar, Sanyal S C. Immunobiological relationships among new cholera toxins produced by CT gene-negative strains of *Vibrio cholerae* O1, 33
Saito H, *see* Fujimura *et al.*, 101
Santa Rosa M R De, *see* Andrade *et al.*, 49
Sanyal S C, *see* Saha and Sanyal, 33
Schneider J, *see* Quindos *et al.*, 223
Skinner Louise J, Chatterton Jean M W, Joss A W L, Moir Isobel L, Ho-Yen D O. The use of an IgM immunosorbent agglutination assay to diagnose congenital toxoplasmosis, 125
Slack R C B, *see* Carter *et al.*, 113
Smith S N, *see* Paul *et al.*, 93
Stapert D, *see* Ford *et al.*, 259
Stevens D A, *see* Brummer and Stevens, 173
Suassuna I, *see* Andrade *et al.*, 49
Suzuki K, *see* Yamamoto *et al.*, 191
Suzuki T, *see* Fujimura *et al.*, 101

Talsania H, *see* French *et al.*, 275
Thomson-Carter Fiona M, Pennington T H. Characterisation of methicillin-resistant isolates of *Staphylococcus aureus* by analysis of whole-cell and exported proteins, 25
Towner K J, *see* Carter *et al.*, 113

UMEKI S. Age-dependent changes in protease and elastase production in cultures of *Pseudomonas aeruginosa*, 109

VEIGA V F DA, *see* ANDRADE *et al.*, 49

WADOOD A, *see* RAHMAN *et al.*, 39
WIDDERS P R, *see* YARNALL AND WIDDERS, 137
WOODWARD M J, MCLAREN I, WRAY C. Genetic evidence for a chromosomally integrated multiresistance plasmid in *Salmonella dublin*, 205
WRAY C, *see* WOODWARD *et al.*, 205

YAMAKAWA K, *see* KAMIYA *et al.*, 217
YAMAMOTO K, SUZUKI K, SUZUKI K, MIZUNO S. Phagocytosis and ingestion of influenza virus by human polymorphonuclear leucocytes *in vitro*: electronmicroscopy studies, 191
YANCEY R J, *see* FORD *et al.*, 259
YARNALL M, WIDDERS P R. Comparison of IgG Fc-receptors from clinical isolates of *Streptococcus zooepidemicus*, 137
YASMIN M, *see* RAHMAN *et al.*, 39
YOSHIDA K, *see* CHOMARAT *et al.*, 129
YOUNG D B, *see* KHANOLKAR *et al.*, 157